

LUMINO

FORMERLY "COSCOTITE"

A TRANSPARENT WATERPROOFING
FOR INTERIOR OR EXTERIOR USE
TO BE USED WITH OR WITHOUT COLORS
(CONTAINS NO PARAFFIN OR WAX)

POSITIVELY
WATER PROOFS

CONCRETE
CONCRETE BLOCKS
CEMENT
BRICK
STUCCO

MANUFACTURED BY

The **LUMINO COMPANY**

152 WEST 42ND STREET, NEW YORK CITY.

LUMINO

Lumino is a transparent waterproof solution; it will absolutely offset the harmful effects of damp upon surfaces of concrete, concrete blocks, brick, cement and stucco. Lumino makes the exposed surface of all masonry capable of resisting the varied conditions of nature. As a preservative of structural faces it has no equal.

True Waterproofing

Though the fact is not generally realized all masonry—the symbol of endurance—can rot. Dampness and moisture is the cause of this. There are many instances showing the rotting of structures caused by dampness. Until the advent of Lumino no effective remedy had been developed to prevent this. Lumino preserves and protects your building. Lumino has the unusual qualities heretofore unheard of inasmuch as it can be applied with the same excellent results on wet as well as dry masonry, both interior and exterior, in any kind of weather.

Advantages of Lumino

Building materials are porous and moisture penetrates them, especially when accompanied by strong winds.

Lumino will prevent this.

In communities where there is much smoke from factories, railroads, etc., carbon-soot settles on the surface and is carried into the pores by the rain, thus marring surface appearance.

Lumino will prevent this.

A union of soot and moisture forms a sulphuric acid solution, which destroys quickly building materials and surfaces, causing them to crumble.

Lumino will prevent this.

Lime-salts and frost, another enemy to the vital parts of structures, always at work to quickly disintegrate and damage, especially when moisture is present, offer no visible sign of their attack.

Lumino will prevent this.

You can benefit by preventing these factors of destruction to your buildings as well as have the advantage of knowing that your masonry surfaces have been thoroughly waterproofed by applying Lumino.

Lumino preserves and enriches the natural beauty of the surface it protects.

Uses of Lumino

Exterior walls of brick, stone, marble, stucco, granite, cement, concrete and all masonry may be thoroughly damp-proofed by applying Lumino. All cracks and open joints must be pointed.

Lumino will dampproof and waterproof cellars, tunnels, boiler pits, etc., by applying on the inside when local conditions prevent application on the outside.

Lumino brings out and enriches the color of the masonry.

Lumino can be applied to concrete construction as soon as the forms are removed.

Where Lumino Can Be Used

Cellars, Cisterns, Tunnels, Tanks, Troughs, Silos, Pickling Vats, Culverts, Bridges, Elevator Pits, Boiler Pits, Dairy Floors and Walls, Insulating Boards, Wall Boards, Wood of All Kinds, Metal Preservative, Corrugated and Tin Roofs, Asphalt Shingles, Prepared Roofing, Canvas, Awnings, Tents, Tarpaulins, Dust, Oil and Grease Proofing Floors. Treating hot spots in plaster and creosote stains on walls and around chimneys. Sealing damp and sappy wood. Also seals concrete walls and floors before painting, for painting with color on wet surfaces and many other uses. Lumino is not affected by salt air.

Lumino contains absolutely no paraffin, soap or fatty oils.

Here is what the United States Bureau of Standards, Washington, D. C., says about products with a paraffin or fatty oil or soap base. Extract from Bulletin No. 248, issued by the Bureau of Standards, January 7th, 1924, reads as follows:

"It will be noted that all the materials which consist of solutions of fatty oils, aluminum soap, and paraffin or a combination of these, give fairly satisfactory results over a period of several months."

Lumino contains none of the above ingredients and is absolutely permanent.

Prevention of Efflorescence

Efflorescence, the white stains and marring blotches that often ruin the entire appearance of a building or a surface, is a direct development of moisture. Chemically, this appearance is a salt, largely Calcium Sulphate, with a percentage of magnesium salt. It develops from moisture penetrating the wall and dissolving these salts from the brick or mortar, also the reverse to this occurs when there is moisture in the wall it will work outward and cause a similar appearance to the surface.

Efflorescence may occur at any time without warning, it can only be prevented by thorough waterproofing.

It has been proven that this is entirely within the practical effectiveness of Lumino, but the operation of waterproofing must be carefully carried forward. To clean efflorescence from a surface already damaged in this manner we recommend a ten percent solution of muriatic (hydrochloric) acid, to be followed with a *thorough* washing with clean water.

Where efflorescence is present our specifications must be rigidly adhered to and while we do not guarantee the result, we have never known one case in over eight years experience where Lumino has failed and we feel perfectly safe in recommending Lumino to prevent and eliminate efflorescence.

LUMINO HAS BEEN IN USE FOR YEARS

Lumino is not an experiment, but is a product of established merit, having been in constant use over a period of years, giving excellent results.
Below are a few of the users of Lumino:

ARMOUR & COMPANY

AMERICAN RADIATOR BUILDING, New York.

NEW YORK RAPID TRANSIT COMPANY, Brooklyn, N. Y.

SWIFT & COMPANY

GENERAL MOTORS CORPORATION

LONG ISLAND LIGHTING CO.

J. C. McCrory, 5 and 10-CENT STORES

BOARD OF EDUCATION, Lake Placid, New York

OSBORNE COMPANY (Calendar Manufacturers)

TURNER CONSTRUCTION CO.

COMMERCIAL BANK & TRUST COMPANY BLDG., Bridgeport, Conn.

HOTEL SARANAC, Saranac Lake, N. Y.

HEMPSTEAD TOWN HOUSE HOSPITAL, Uniondale, N. Y.

SERIAL BUILDING LOAN & SAVINGS INST., New York

HARMON NATIONAL REAL ESTATE CORP., New York

UNIVERSITY OF THE SOUTH, Sewanee, Tenn.

PEPPERELL MFG. CO., Lindale, Ga.

GULF REFINING CO., Charleston, S. C.

Instructions for Applying Lumino

One of the remarkable features of Lumino is the ease with which it can be applied and the astonishingly low price it offers its protection.

Apply Lumino with either brush or spray. If brushed, care must be taken that the material is well worked into the surface. Use on either dry or wet masonry surfaces, either interior or exterior in any kind of weather.

One gallon will cover approximately 400-600 square feet, depending on porosity of the masonry surface to which it is applied. Wood and metal as high as 750 square feet.

On outside surfaces one coat is usually sufficient, but where unusual conditions exist two coats may be required.

On inside surfaces, such as cellars, one coat is sufficient for dampproofing, but where there is any pressure two coats are necessary.

Do not apply Lumino while water is actually flowing through the wall or floor. Wherever two coats are needed it is advisable to allow about 48 hours to elapse for thorough setting between coats. Lumino however will dry in 12 to 18 hours. For waterproofing cellar walls or floors do not apply Lumino over surfaces previously coated with an oil paint until it has been removed.

All cracks and open joints must be pointed up before applying. If water is present upon the surface a sponge or cloth should be used to wipe off the water and Lumino applied immediately.

On extremely porous masonry, such as certain types of concrete blocks, we recommend wetting the surface before applying Lumino. This will eliminate much of the suction and add considerably to the covering capacity.

For hard, smooth concrete floors a thin even coat is recommended.

Color may be added to Lumino and in so doing an excellent painting and waterproofing job is secured in one operation. To do this it is only necessary to add to each gallon of Lumino three to four pounds of the desired color (ground in oil). Stir thoroughly.

If light tints are desired add 12½ lbs. of White Lead or lead substitute to each gallon of Lumino. Stir thoroughly and tint to suit.

When using ready mixed paints over surfaces treated with Lumino it is advisable to add from one pint to one quart of Lumino to each gallon of paint and stir thoroughly.

Do not thin Lumino—it is ready for use.

After using Lumino clean brush or spray thoroughly with turpentine. Lumino will not deteriorate from age providing container is kept sealed.

Our Service Department invites your inquiries and are glad to help you work out your problems.

THE LUMINO COMPANY

152 WEST 42nd STREET
NEW YORK

Decatur & Hopkins Company

DISTRIBUTORS

93 Berkeley Street, Boston, Mass.